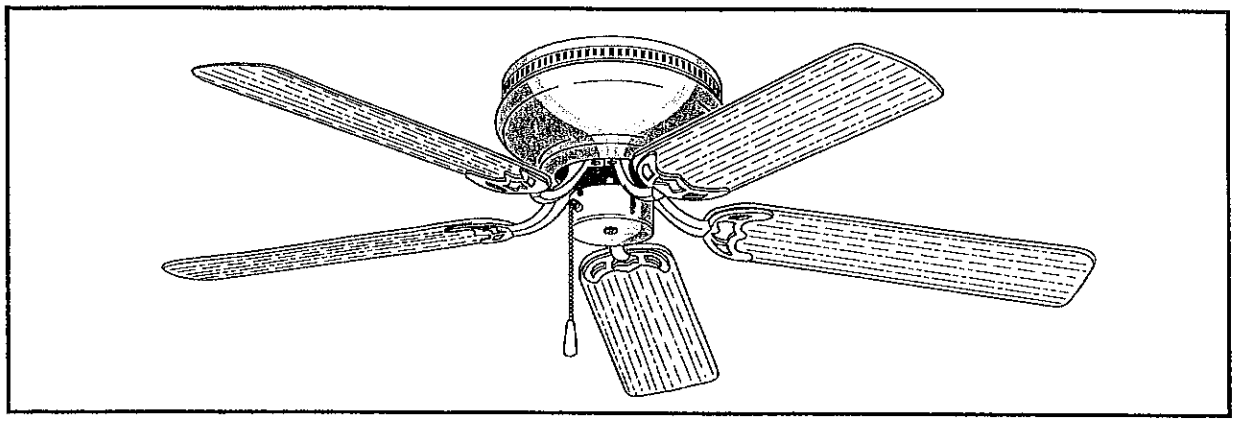
READ AND SAVE THESE INSTRUCTIONS



READ AND SAVE THESE INSTRUCTIONS

Safety Instructions

⚠ WARNING

TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

a. Use this unit only in a manner intended by the manufacturer. If you have questions, contact the manufacturer.

b. Before servicing or cleaning unit, switch power off at service panel and lock service panel disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a warning device, such as a tag, to the service panel.

1. Read your owner's manual carefully and keep it for future reference.
2. Be careful of the fan and blades when cleaning, painting, or working near the fan. Always turn off the power to the ceiling fan before servicing.
3. Do not put anything into the fan blades while they are turning.
4. Do not operate reversing switch until fan blades have come to a complete stop.

Additional Safety Instructions for Installation

1. To avoid possible shock, be sure electricity is turned off at the fuse box before wiring, and do not operate fan without blades.
2. All wiring must be in accordance with the National Electrical Code "ANSI/NFPA 70-2014" and Local Electrical Codes. Use the National Electrical Code if Local Codes do not exist. The ceiling fan must be grounded as a precaution against possible electrical shock. Electrical installation should be made or approved by a licensed electrician.
3. The outlet box and joist must be securely mounted and capable of reliably supporting at least 50 pounds. Use only U.L. outlet boxes listed as "Acceptable for Fan Support of 22.7kg. (50 lbs.) or less", and use the mounting screws provided with the outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.
4. The downrod furnished with the fan provides the minimum recommended floor to fan blade clearance for an 8 foot ceiling.
5. The fan must be mounted with the fan blades at least 7 feet from the floor to prevent accidental contact with the fan blades.
6. Follow the recommended instructions for the proper method of wiring your ceiling fan. If you do not know enough about electrical wiring, have your fan installed by a licensed electrician.

WARNING: To reduce the risk of electrical shock, this fan must be installed with an isolating wall control/switch.

NOTE: This fan is suitable for use with solid-state speed controls.

WARNING: This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson could result in personal injury or property damage.

WARNING: To reduce the risk of personal injury, do not bend the blade flange when installing the blade flanges, balancing the blades or cleaning the fan. Do not insert foreign objects in between rotating fan blades.

NOTE: All setscrews must be checked and re-tightened where necessary before installation.

DATE CODE: _____

The date code of this fan may be found on the box, stamped in ink on a white label. You should record this data above and keep it in a safe place for future use.

This Manual Is Designed to Make it as Easy as Possible for You to Assemble, Install, Operate and Maintain Your Ceiling Fan

Tools Needed for Assembly

One Phillips head screwdriver
One 1/4" blade screwdriver
One stepladder
One wire stripper
Three wire connectors (supplied)

Materials

Wiring electrical box and box connectors must be of type required by local code. The minimum wire would be a 3-conductor (2-wire with ground) of size shown at right.

Installed Wire Length	Wire Size A.W.G.
Up to 50 ft.	14
50 - 100 ft.	12

⚠ WARNING

Before assembling your ceiling fan, refer to section on proper method of wiring your fan (page 5). If you feel you do not have enough wiring knowledge or experience, have your fan installed by a licensed electrician.

Unpacking Instructions

For your convenience, check-off boxes are provide next to each step. As each step is completed, place a check mark in the box. This will insure that all steps have been completed and will be helpful in finding your place should you be interrupted.

⚠ WARNING

Do not install or use fan if any part is damaged or missing.

⚠ WARNING

This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Emerson Company. Substitution of parts or accessories not designated for use with this product by Emerson Company could result in personal injury or property damage.

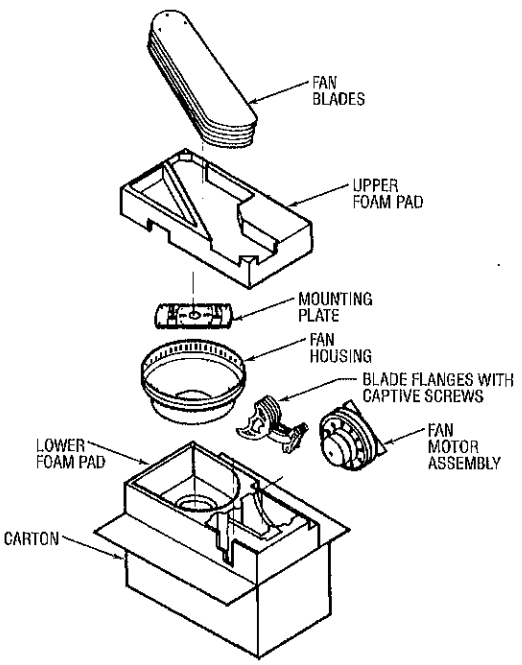
☐ 1. Check to see that you have received the following parts:

NOTE: If you are uncertain of part description, refer to exploded view illustration.

a. Fan housing
b. Mounting plate
c. Fan motor assembly
d. Five fan blades
e. Five blade flanges with captive screws
f. One loose parts bag containing:
   1. Sixteen M5 x 6mm Phillips washer head screws
   2. **CF804S Only:** M5 x 13mm Phillips pan head screw with lockwasher
      CF805S Only: M6 x 14mm Phillips pan head screw with lockwasher
   3. Five M5 x 10mm Phillips pan head screws with internal tooth washers
   4. Four 1/4" hex locknuts
   5. One wood pendant
   6. One chain coupling
   7. Three wire connectors

NOTE: Place the parts from the loose parts bag in a small container to keep them from being lost. If any parts are missing, contact your local retailer or catalog outlet for replacement before proceeding.

☐ 2. Remove the fan assembly from the protective plastic bag. Place the fan assembly into the upper foam pad with the lead wires up.



Electrical Requirements

Your new ceiling fan will require a grounded electrical supply line of 120 volts AC, 60 Hz, 15 amp circuit.

The outlet box must be securely anchored and capable of withstanding a load of at least 50 pounds.

⚠ WARNING

To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support of 22.7kg. (50 lbs.) or less", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

If your fan is to replace an existing ceiling light fixture, turn electricity off at the main fuse box at this time and remove the existing light fixture.

⚠ WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local Codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

⚠ WARNING

To avoid fire or shock, follow all wiring instructions carefully.

Any electrical work not described in these instructions should be done or approved by a licensed electrician.

How to Hang Your Ceiling Fan

⚠ WARNING

The fan must be hung with at least 7' of clearance from floor to blades (Figure 1).

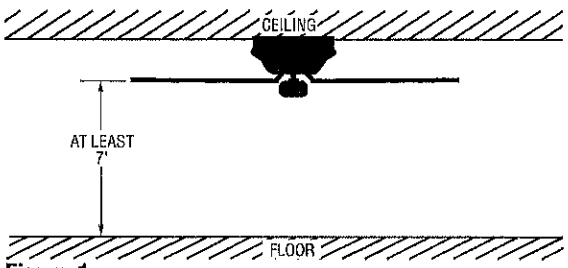


Figure 1

⚠ WARNING

The outlet box and joist must be securely mounted and capable of supporting at least 50 lbs. Use only a U.L. outlet box listed as "Acceptable for Fan Support of 22.7kg. (50 lbs.) or less".

⚠ WARNING

To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support of 22.7kg. (50 lbs.) or less", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

☐ 1. Securely attach the mounting plate to the outlet box (Figure 2) using two screws (supplied with outlet box). Pull the black, white and ground wires out of the outlet box through the hole in the mounting plate and lay them to the side as shown in Figure 3.

NOTE: For better fan performance make sure the mounting plate is level. Additional washers (not included) may be needed to insert between the electrical box and mounting plate (Figure 2).

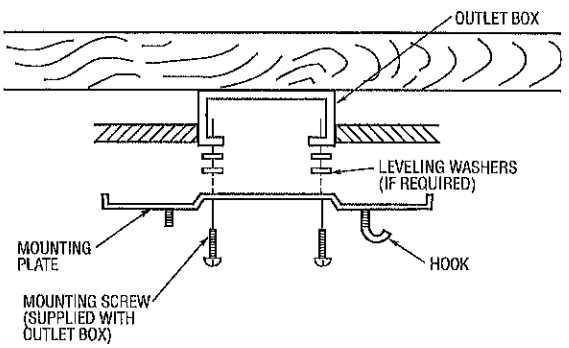


Figure 2

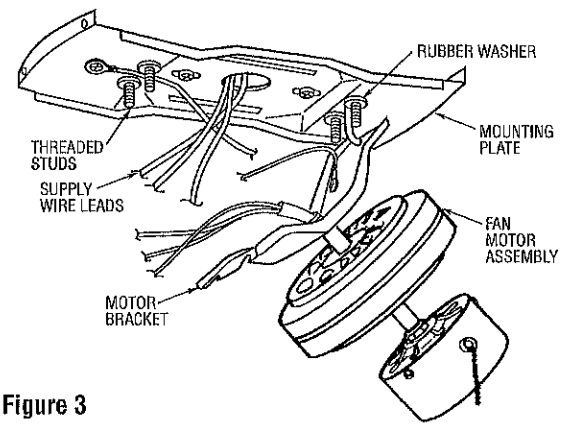


Figure 3

☐ 2. Carefully lift the fan motor assembly and engage the slot in the motor bracket with the hook on the mounting plate so that it is securely suspended (Figure 3). Then connect wiring to your fan according to section "HOW TO WIRE YOUR CEILING FAN".

☐ **3.** Once wiring is completed, lift the motor bracket so that the four threaded studs on the mounting plate protrude through the four slot in the motor bracket. (See Figure 4.)

Securely tighten the four 1/4" hex locknuts (supplied) onto the threaded studs, then try to shake the motor bracket to ensure that the assembly is tight. Proceed to section "HOW TO PUT YOUR CEILING FAN TOGETHER".

⚠ WARNING

To avoid possible fire or shock, do not pinch wires between the motor bracket and mounting plate.

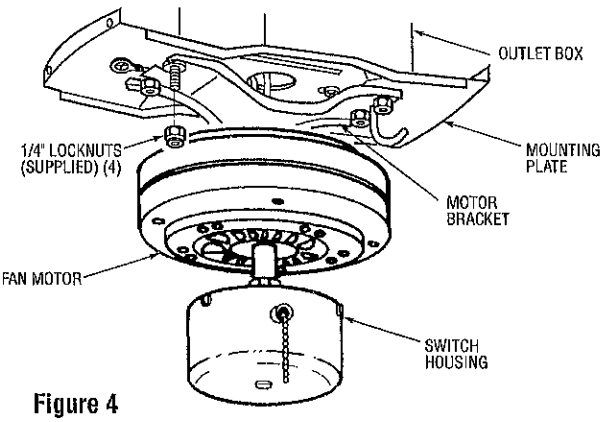


Figure 4

How To Wire Your Ceiling Fan

If you feel that you do not have enough electrical wiring knowledge or experience, have your fan installed by a licensed electrician.

⚠ WARNING

To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring.

NOTE: If you are not sure if the outlet box is grounded, contact a licensed electrician for advice, as it must be grounded for safe operation.

☐ **1.** Connect the green grounding wires from the motor bracket and the mounting plate to the grounding conductor of supply (this may be a bare wire or wire with green colored insulation). Securely connect wires with wire connectors (supplied).

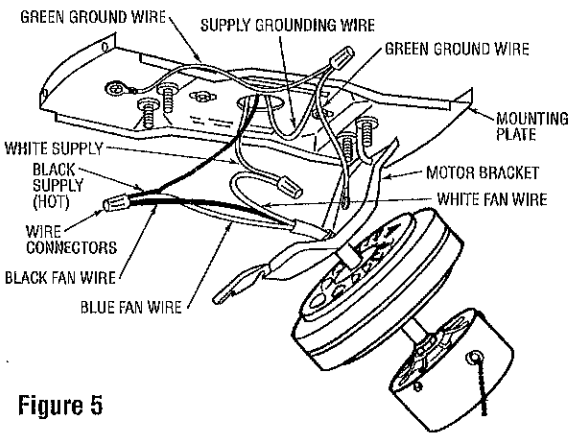


Figure 5

NOTE: If you are using an Emerson Light Fixture with your fan, see the Light Fixture Owner's Manual for wiring.

☐ **2.** Connect the fan motor white wire to the supply white (neutral) wire using a supplied wire connector (Figure 5).

☐ **3.** Connect the fan motor black wire and blue wire to the supply black (hot) wire using a supplied wire connector (Figure 5). Your fan is now wired to be turned on and off from the fan switch. After connections have been made, turn leads upward and carefully push leads into the outlet box, with the white and green leads on one side of the outlet box and the black and blue leads on the other side of the outlet box.

⚠ WARNING

To avoid risk of fire or shock, check to see that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire. Do not operate fan until blades are in place. Noise and fan damage could result.

☐ **4.** Connect the wood ball with chain to the 3-speed switch pull chain.

☐ **5.** Return to step 3 of section" HOW TO HANG YOUR CEILING FAN".

How To Put Your Ceiling Fan Together

☐ **1.** Align the four holes in the fan housing with the holes in the mounting plate and install four M5 x 10mm Phillips pan head screws with internal tooth washers (supplied) (Figure 6).

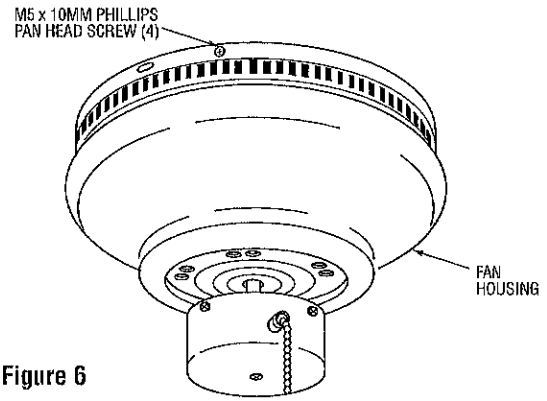


Figure 6

☐ **2.** Mount the blade flanges to the fan blades using three M5 x 6mm Phillips washer head screws per blade (supplied) (Figure 7). Repeat for four remaining blades.

> **⚠ WARNING**
>
> **To reduce the risk of personal injury, do not bend the blade flange when installing the blade flanges, balancing the blades or cleaning the fan. Do not insert foreign objects in between rotating fan blades.**

☐ **3.** Attach one blade assembly to the motor using the captive screw provided for each flange (Figure 8). Make sure the screws are tightened securely. Repeat this procedure for the other four blade assemblies.

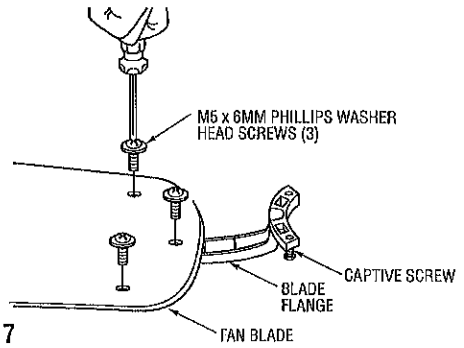


Figure 7

NOTE: Take care not to scratch the fan housing when installing the blade assemblies.

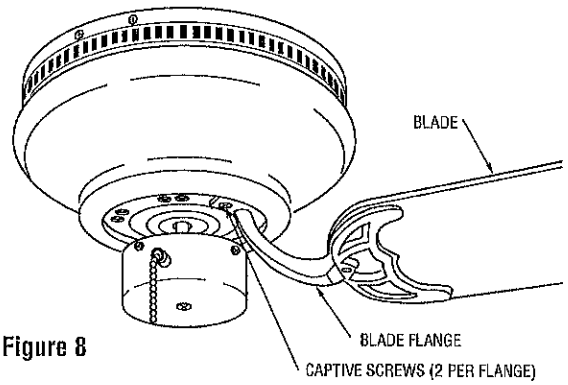


Figure 8

☐ **4.** You have now completed the assembly of your new ceiling fan.

Using Your Ceiling Fan

> **⚠ WARNING**
>
> **To reduce the risk of fire or electrical shock, do not use this fan with any solid-state speed control device.**

☐ **1.** Restore electrical power to the electrical box by turning the electricity on at the main fuse box or circuit breaker panel.

☐ **2.** Check the operation of the fan by gently pulling on the pull chain switch.

☐ **3.** All fans are shipped from the factory with the reversing switch positioned to circulate air downward. If airflow is desired in opposite direction, turn your fan off and wait for the blades to stop turning, then slide the reversing switch to opposite position, and turn fan on again. The fan blades will turn in the opposite direction and reverse the airflow.

Your fan model is equipped with a 4-position, 3-speed pull chain switch. The operating sequence is as follows:

THREE SPEED:
1st Pull – High
2nd Pull – Medium
3rd Pull – Low
4th Pull – OFF

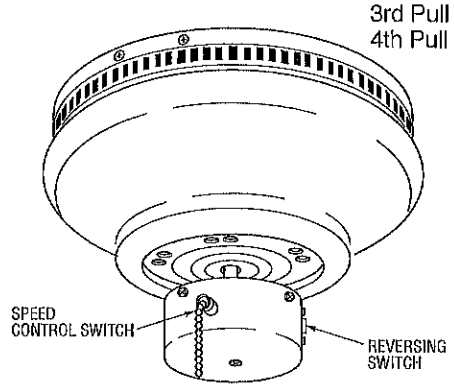


Figure 9